| In | dex | of C | laims | ; |
|----|-----|------|-------|---|
|    |     |      |       |   |

09/474,479 Examiner Applicant(s)/Patent under Reexamination

ODA, TSUYOSHI

Art Unit

Andy S. Rao

2613

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
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| 0 | Objected |

| Ci-                  | im                         | Date   |  |              |              |                                     |  |              |              |          |   |
|----------------------|----------------------------|--|--|--------------|--------------|-------------------------------------|--|--------------|--------------|----------|---|
| Cla                  | 21111                      | <b>—</b>   | _  | _            |              | Jak                                 | <del>-</del>                                     |              | _            | r        | ł |
| Final                | Original                   | 2/1/06   |  |              |              |                                     |  |              |              |          |   |
| 1                    | 1                          | =  |  |              |              |                                     |  |              |              |          | ] |
| 2                    | 1<br>2<br>3<br>4<br>5      | =  |  |              |              |                                     |  |              |              |          |   |
| 3                    | 3                          | =  |  |              |              | L                                   |  |              |              |          |   |
| 4                    | 4                          | =  |  | <u> </u>     |              |                                     | _  | L            |              |          |   |
| 5                    |                            | =  |  |              | <u> </u>     |                                     |  | <u> </u>     | _            |          |   |
| 6<br>7               | 6<br>7                     | =  |  |              | <u> </u>     |                                     | <u> </u>   | <u> </u>     |              |          | 1 |
| 7                    | 7 .                        | =  | _  | ļ            | _            | _                                   | <u> </u>   | <u> </u>     | <u> </u>     |          |   |
| 8                    | 8                          | =  | _  | _            |              | $\vdash$                            | _  | <u> </u>     | _            |          |   |
| 10                   | 9<br>10                    | <u>,=</u>  | <u> </u>   | _            | ⊢            | ⊢                                   | <u> </u>   |              |              | -        |   |
| 11                   | 11                         | =  |  | -            | ├            | -                                   | H  | $\vdash$     | _            | -        | 1 |
| 12                   | 12                         | =  | -  | ⊢            | ├─           | $\vdash$                            | $\vdash$   | $\vdash$     | -            | -        | 1 |
| 13                   | 13                         | =  | -  | H            | $\vdash$     | $\vdash$                            |  | -            |              |          |   |
| 14                   | 14                         | =  | _  | <u> </u>     |              | -                                   |  |              |              |          | ١ |
| 12<br>13<br>14<br>15 | 12<br>13<br>14<br>15<br>16 | =  | $\vdash$   |              |              |                                     |  |              |              |          | ĺ |
| 16                   | 16                         | =  |  |              |              |                                     |  |              |              |          | ļ |
|                      | 17                         | -  |  |              |              |                                     |  |              |              |          |   |
| 17                   | 18<br>19                   | =  |  |              |              |                                     |  |              |              |          |   |
|                      | 19                         | <u>-</u>   |  |              |              |                                     |  |              |              |          | ŀ |
| 18<br>19             | 20<br>21                   | =  |  |              | <u> </u>     | ļ                                   |  |              | _            |          |   |
| 19                   | 21                         | =  | L  |              |              | <u> </u>                            |  | <u> </u>     | <u> </u>     | <u> </u> |   |
| 20                   | 22                         | =  | <u> </u>   | _            | <u> </u>     | <u> </u>                            | _  | <u> </u>     | <u> </u>     |          | ļ |
| 21                   | 23<br>24<br>25             | =  | _  | <u> </u>     | _            |                                     | _  | _            | _            | -        |   |
| 22                   | 24                         | =  |  | _            |              | -                                   | ⊢  | <u> </u>     | <del> </del> |          |   |
| -                    | 20                         |  |  | ⊢            |              | <del> </del>                        | -  | <del> </del> | _            | H        |   |
|                      | 27                         |  |  | -            |              | -                                   | -  | <del> </del> | $\vdash$     | $\vdash$ | ł |
|                      | 26<br>27<br>28             | -  |  | $\vdash$     | -            | ┝╌                                  | ├  | <del> </del> | ┝╌           |          | l |
|                      | 29                         |  | _  | -            | ╁            |                                     | $\vdash$   | ┢═           | -            | -        | l |
|                      | 30                         | T  |  |              | -            |                                     |  |              | _            |          | 1 |
|                      | 31                         | H  |  |              |              |                                     |  |              | _            |          | 1 |
|                      | 32                         |  |  |              |              |                                     |  | L            |              |          |   |
|                      | 33                         |  |  |              |              |                                     |  |              |              |          |   |
|                      | 34                         |  |  | _            | <u> </u>     | <u> </u>                            | $oxedsymbol{oxed}$                               | _            | Ŀ            | Ш        |   |
|                      | 35                         |  | L.,  |              | <u> </u>     | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |  |              |              |          |   |
|                      | 36                         | _  |  | _            | <u> </u>     | <u> </u>                            | <u> </u>   | <u> </u>     | <u> </u>     | Щ        |   |
|                      | 37                         |  | _  | <u> </u>     | <del> </del> | $\vdash$                            | <u> </u>   |              | <u> </u>     | $\vdash$ |   |
|                      | 38                         |  | -  |              | -            | -                                   |  | -            |              | $\vdash$ |   |
|                      | 39                         |  | -  | -            |              | $\vdash$                            | $\vdash$   |              | <del> </del> | $\vdash$ |   |
| -                    | 40                         | <del>  -  </del>                                 | $\vdash$   | <del> </del> | ⊢            |                                     | -  | $\vdash$     | $\vdash$     |          |   |
|                      | 42                         | -  | $\vdash$   | _            | ├            |                                     | -  | -            | $\vdash$     |          |   |
|                      | 43                         | <del>                                     </del> | <del>                                     </del> | $\vdash$     | $\vdash$     | Н                                   |  | -            | $\vdash$     | Н        |   |
|                      | 44                         | $\vdash$   | Н  | $\vdash$     | T            | -                                   | <del>                                     </del> | Г            | -            | М        |   |
|                      | 45                         | $\vdash$   | Н  |              | Г            |                                     | Г  |              | Γ            | П        | 1 |
|                      | 46                         |  |  |              |              |                                     |  |              |              |          |   |
|                      | 47                         |  |  |              |              |                                     |  |              |              |          |   |
|                      | 48                         |  |  |              |              |                                     |  |              |              |          |   |
|                      | 49                         |  |  |              |              |                                     |  |              | Ĺ            | Ш        |   |
|                      | 50                         |  |  | -            |              | 1                                   |  |              |              |          |   |

| Cla          | Claim          |  |  | Date         |                |  |              |  |          |          |  |  |
|--------------|----------------|--|--|--------------|----------------|--|--------------|--|----------|----------|--|--|
|              |                |  |  |              |                |  |              |  |          |          |  |  |
| <del>,</del> | Original       |  |  |              |                |  |              |  |          | 1        |  |  |
| Final        | ij             |  |  | ŀ            |                |  |              |  | ŀ        |          |  |  |
| L L          | Ιŏ             |  |  |              |                |  |              |  | Ì        | ]        |  |  |
|              |                | L_   |  | <u> </u>     | _              |  | _            |  | <u>_</u> |          |  |  |
|              | 51             |  |  |              |                |  |              |  |          |          |  |  |
| 1            | 52<br>53       |  |  | İ            |                |  |              | ļ  |          |          |  |  |
|              | 53             |  |  |              |                |  |              |  |          |          |  |  |
|              | 54             | _  |  | -            | _              | ┰  | $\vdash$     | _  |          | $\vdash$ |  |  |
|              | 54<br>55       | $\vdash$   |  | -            | $\vdash$       | $\vdash$   | -            |  |          | -        |  |  |
|              | 56             | $\vdash$   | <del>                                     </del> |              | $\vdash$       | $\vdash$   | -            | -  | -        | -        |  |  |
|              | 50             | <u> </u>   |  |              | <del> </del> — | ⊢  | ├            | <u> </u>   | -        | -        |  |  |
|              | 57<br>58       |  |  | _            | L.             |  | L            | _  | _        | _        |  |  |
|              | 58             |  | L.   |              |                |  |              |  |          | L        |  |  |
|              | 59             |  |  |              |                |  |              |  |          |          |  |  |
|              | 60             |  |  |              |                |  |              |  |          |          |  |  |
|              | 61             |  |  |              |                |  |              |  |          |          |  |  |
|              | 62∙            |  |  |              |                |  | <u> </u>     |  | Ι        | $\Box$   |  |  |
| $\vdash$     | 63             | <del>                                     </del> | $\vdash$   |              | -              | $\vdash$   | $\vdash$     |  | Ι        | $\vdash$ |  |  |
|              | 64             | $\vdash$   | <del> </del>                                     |              |                | -  | <del> </del> | ŀ۰   | $\vdash$ | $\vdash$ |  |  |
|              | 63<br>64<br>65 | $\vdash$   | <del> </del>                                     |              | -              | -  | ├—           |  | -        |          |  |  |
|              | 05             | $\vdash$   | <u> </u>   | <u> </u>     | <b></b>        | <u> </u>   | <b> </b>     | <u> </u>   | <u> </u> | ļ        |  |  |
|              | 66<br>67       |  | <u> </u>   |              |                | L  | <u> </u>     | <u> </u>   |          | L_       |  |  |
|              | 67             |  | _  |              |                | $oxed{oxed}$                                     |              | L.   | L.       |          |  |  |
|              | 68             | L  | L  | Ĺ            |                | L  | L            |  | L        |          |  |  |
|              | 69<br>70       |  |  |              |                |  |              |  |          |          |  |  |
|              | 70             |  | _  |              |                |  |              |  |          |          |  |  |
|              | 71             |  |  | $\vdash$     | _              |  |              |  |          |          |  |  |
|              | 71<br>72<br>73 | <del> </del>                                     | -  |              |                | -  | $\vdash$     | -  | -        |          |  |  |
|              | 72             |  | $\vdash$   |              | _              | -  |              | -  | -        | -        |  |  |
|              | 73             | <u> </u>   | <u> </u>   | <u> </u>     | _              | _  |              | <u> </u>   | _        |          |  |  |
| ļ            | 74<br>75<br>76 | L  | <u> </u>   | L_           |                |  |              |  |          |          |  |  |
|              | 75             |  |  |              |                |  | _            | _  | _        |          |  |  |
|              | 76             |  |  |              |                |  |              |  |          |          |  |  |
|              | 77<br>78<br>79 |  |  |              |                |  |              |  | $\Box$   |          |  |  |
|              | 78             |  |  |              |                |  |              | _  |          |          |  |  |
|              | 79             |  | Н  | $\vdash$     |                | _  | _            | -  | $\vdash$ |          |  |  |
|              | 90             | -  | $\vdash$   | -            |                |  | _            | -  | -        | Н        |  |  |
|              | 80<br>81       | -  | $\vdash$   | $\vdash$     |                | _  | -            |  | H        |          |  |  |
|              | 81             | _  | _  |              |                |  |              | <u> </u>   |          | -        |  |  |
|              | 82             |  |  |              | _              | _  |              | L  |          | Ш        |  |  |
|              | 82<br>83       |  |  |              |                |  | Ш.           |  |          | Ш        |  |  |
|              | 84             |  | L  |              |                | L.   |              |  |          |          |  |  |
|              | 85             |  |  |              |                |  |              |  |          |          |  |  |
|              | 86             |  |  |              |                |  |              |  |          |          |  |  |
|              | 87             | _  |  |              |                |  |              | _  | _        | М        |  |  |
|              | 88             | $\vdash$   | Η-   | $\vdash$     | $\vdash$       | $\vdash$   | $\vdash$     | H  | _        | Н        |  |  |
| <b></b>      | 88<br>89       | -  | ⊣  | -            |                | $\vdash$   | -            | -  | _        | Н        |  |  |
| <u></u>      | 89             | <u> </u>   | $\vdash$   |              |                | -  | <u> </u>     | <u> </u>   | -        | $\vdash$ |  |  |
| <u> </u>     | 90             | $\vdash$   | L.   | L_           |                | <u> </u>   | <u> </u>     | <u> </u>   | <u> </u> | Щ        |  |  |
| <u></u>      | 91             | L  | _  | oxdot        |                |  |              | L_   |          | Ш        |  |  |
|              | 92             | L  |  |              |                |  | L.           |  |          |          |  |  |
|              | 93             |  |  |              |                |  |              |  |          |          |  |  |
|              | 94             |  |  |              |                |  |              |  |          | $\Box$   |  |  |
|              | 95             | $\vdash$   | $\vdash$   | _            |                | $\vdash$   |              | -  |          | H        |  |  |
|              | 96             | <del> </del>                                     | ├  | <del>-</del> | -              | Ι  | -            | ├-   | $\vdash$ | ├─┤      |  |  |
| <u> </u>     | 07             | -  |  |              | _              | <del>                                     </del> | $\vdash$     | -  | $\vdash$ | ┝╌┤      |  |  |
| <b> </b>     | 97             |  |  |              |                | _  | <u> </u>     | ļ  | <u> </u> | ┝╌┥      |  |  |
| $\square$    | 98             |  | _  |              |                | L_   | _            |  | $\vdash$ | $\sqcup$ |  |  |
| L            | 99             | L  | <u> </u>   |              |                |  | لـــا        | $ldsymbol{ld}}}}}}$ |          |          |  |  |
|              | 100            |  |  |              |                |  |              |  |          |          |  |  |
|              |                |  |  |              |                |  |              |  | _        |          |  |  |

| Cla           | aim   | Date     |           |          |  |  |             |              |  |          |
|---------------|---|----------|-----------|----------|--|--|-------------|--------------|--|----------|
|               |   |          |           |          |  | Γ.   | Π           |              | Γ  | Г        |
| al            | Original                                      |          |           |          |  |  |             |              |  |          |
| Final         | rigi  |          |           |          |  |  |             |              |  |          |
| _             | 0   | ŀ        | ŀ         |          |  |  |             |              |  |          |
|               | 101   |          | -         | -        |  | ┢╾   | -           |              | -  | -        |
|               | 102   | -        | -         | ┢        |  | -  |             | -            | <del>                                     </del> | Н        |
|               | 103   |          | ┢         | -        | $\vdash$   | -  |             | -            | -  | Н        |
|               | 104   |          |           | 1        | $\vdash$   | $\vdash$   | H           |              |  | Н        |
|               | 104<br>105                                    | H        | ┢         | -        |  | -  | _           | -            | _  | Н        |
|               | 106   | $\vdash$ |           |          | <del>                                     </del> | ┰  | _           | <u> </u>     | -  | Н        |
|               | 107   | ┢        | _         | _        | -  | _  | Т           |              |  |          |
|               | 108   | -        |           |          | Г  | Г  |             | _            | _  | М        |
|               | 109   |          |           | $\vdash$ | Г  | Г  | _           | _            | _  |          |
|               | 110   |          |           |          | _  |  | _           |              | -  |          |
|               | 111   |          |           |          |  |  |             | _            | _  |          |
|               | 112   |          | Г         |          |  | T  |             |              |  | П        |
|               | 113   |          |           |          | _  |  |             |              | <u> </u>   | П        |
|               | 114   |          |           | Г        | Г  |  |             |              |  |          |
|               | 115   | Г        |           |          | Т  | <del>                                     </del> |             |              | T  |          |
|               | 110<br>111<br>112<br>113<br>114<br>115<br>116 | Г        |           |          | ┪  | $\vdash$   |             | <del> </del> |  | Н        |
|               | 117   | _        | · · · · · |          |  |  | $\vdash$    | $\vdash$     | $\vdash$   | $\vdash$ |
|               | 118<br>119                                    | 1        | <b>-</b>  |          |  |  | $\vdash$    |              |  | $\vdash$ |
|               | 119   |          |           | $\vdash$ | _  | <del>                                     </del> | -           | ┢╌           | <u> </u>   |          |
|               | 120   |          |           |          |  | $\vdash$   |             |              | -  |          |
|               | 121   | $\vdash$ |           | _        |  | <u> </u>   |             |              |  |          |
|               | 121<br>122                                    |          |           |          |  | 1  |             |              | _  |          |
|               | 123   | _        |           |          |  |  |             |              |  |          |
|               | 123<br>124<br>125                             |          |           |          |  |  |             |              |  |          |
|               | 125   | _        |           |          | _  |  |             |              |  | П        |
|               | 126<br>127<br>128                             |          |           |          |  |  | -           | _            | -  |          |
|               | 127   |          |           |          |  |  | -           | _            | _  |          |
|               | 128   |          |           | $\vdash$ | _  | _  | _           | _            | _  | $\neg$   |
|               | 129   | -        |           | _        | _  | _  | -           | 1            | $\vdash$   |          |
|               | 130   | -        |           |          |  |  |             |              | -  |          |
|               | 129<br>130<br>131                             | _        |           | -        |  | -  |             | -            | -  | $\vdash$ |
|               | 132   | _        | $\vdash$  |          | М  | _  | $\vdash$    | Ι            | _  | $\vdash$ |
|               | 132<br>133                                    |          |           |          |  |  |             | -            |  | Н        |
|               | 134   |          | $\vdash$  | _        |  | <del>                                     </del> | $\vdash$    |              |  |          |
|               | 135   |          |           |          | _  | $\vdash$   |             | П            | $\vdash$   | $\dashv$ |
|               | 136   |          | _         | _        | _  |  |             | $\vdash$     | _  | $\dashv$ |
| $\overline{}$ | 137   |          |           | $\vdash$ |  | $\vdash$   |             |              |  | $\vdash$ |
|               | 138   |          | П         |          |  | П  | -           | Н            |  |          |
| -             | 139   |          |           | $\vdash$ | $\vdash$   |  | _           | $\vdash$     |  | $\dashv$ |
|               | 140   | Н        | $\vdash$  | $\vdash$ | Н  |  |             |              |  | $\dashv$ |
|               | 141   | М        | _         | $\vdash$ |  | $\Box$   |             |              | -  | $\vdash$ |
| $\neg$        | 142   | Н        | $\vdash$  | Т        |  |  |             |              | -  | H        |
|               | 143   | -        |           |          |  |  |             |              |  | Н        |
|               | 144   |          | Т         | $\vdash$ |  |  | <del></del> | $\vdash$     |  | Н        |
|               | 145   |          | Н         | Н        |  | $\vdash$   |             | $\vdash$     | _  | Н        |
|               | 146   | -        | $\vdash$  | Н        | $\vdash$   | _  |             | _            |  | $\vdash$ |
|               | 147   |          |           | Н        | $\vdash$   |  | _           |              |  | $\dashv$ |
|               | 148   | -        |           | Н        | -  |  |             |              | -  |          |
|               | 149   |          |           |          |  |  | $\vdash$    | -            |  | $\vdash$ |
|               | 150   | _        |           | Н        | _  |  | $\vdash$    | _            | _  |          |
|               | .00   |          |           | نـــــا  | L  |  |             | Щ.           |  |          |